

Form PTOL 449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 30-5016(4015)DIV1		SERIAL NO. 09/928,172			
<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 2px solid black; border-radius: 50%; text-align: center; line-height: 100px; font-size: 24px; font-weight: bold; transform: rotate(-45deg);"> OIP EJC10 MAR 27 2003 PATENT &amp; TRADEMARK OFFICE </div> </div>				TITLE OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Christopher L. Parfeniuk et al.	
				FILING DATE August 9, 2001		GROUP 2823			

U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
QWB	AA	4,405,427	09/83	Byrd	284	181	X
QWB	AB	6,391,465 B1	05/02	Zheng et al.	428	460	
QWB	AC	5,599,467	02/97	Okabe et al.	219	118	
QWB	AD	5,009,765	04/91	Qamar et al.	284	298.12	
QWB	AE	6,085,966	07/00	Shimomuki et al.	228	193	
QWB	AF	6,227,432 B1	05/01	Enomoto et al.	228	112.1	X
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes      No
QWB	AM	6-65733	03/94	Japan	523C	14/27	X
	AN						
	AO						
	AP						
	AQ						


  

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
	AR		
	AS		
	AT		

EXAMINER <i>William M. Brewster</i>	DATE CONSIDERED 27 AUG 03
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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STATE OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Christopher L. Parfeniuk et al.		FILING DATE August 9, 2001	
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U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
WB	AA	US 2002/0003010 A1	Pub. 01/10/02	Shah et al.	198	570	X
WB	AB	US 2002/0174917 A1	Pub. 11/28/02	Segal et al.	198	437	✓
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)			
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EXAMINER <i>William M. Brammer</i>	DATE CONSIDERED <i>27 AUG 03</i>
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